

Live-scan Technical Standards

Live-scan fingerprint equipment is technology designed to electronically capture fingerprint images. Using a live-scan device, fingerprint images can be captured, stored, forwarded on-line, and searched by the state automated fingerprint identification system (AFIS), the Western Identification Network (WIN), and the FBI Integrated AFIS.

Participation in electronic submission and search of live-scan fingerprints is dependent on basic features of your live-scan equipment. Compliance with state and federal guidelines allows full utilization of your system investment with more benefits for local and statewide citizens.

The live-scan equipment must meet the following requirements:

- Washington State Electronic Fingerprint Transmission Specification, which includes Type 1 and Type 2 Records, Transaction Control Number (TCN) generation, and Process Control Number (PCN) generation, and incorporates FBI and ANSI/NIST specifications.
- CJIS-RS-0010 (V7), Criminal Justice Information Services Electronic Fingerprint Transmission Specification (EFTS) (January 1999)
- ANSI/NIST-ITL 1-2000 Data Format for the Interchange of Fingerprint, Facial, & Scar Mark & Tattoo (SMT) Information
- IAFIS-IC-0010 (V3), IAFIS Wavelet Scalar Quantization (WSQ) Grayscale Fingerprint Image Compression Specification (December 1997)

Before acquiring and installing a live-scan system, it is recommended you contact Joan Smith, Washington State Patrol, (360) 705-5117, e-mail: jsmith@wsp.wa.gov.